

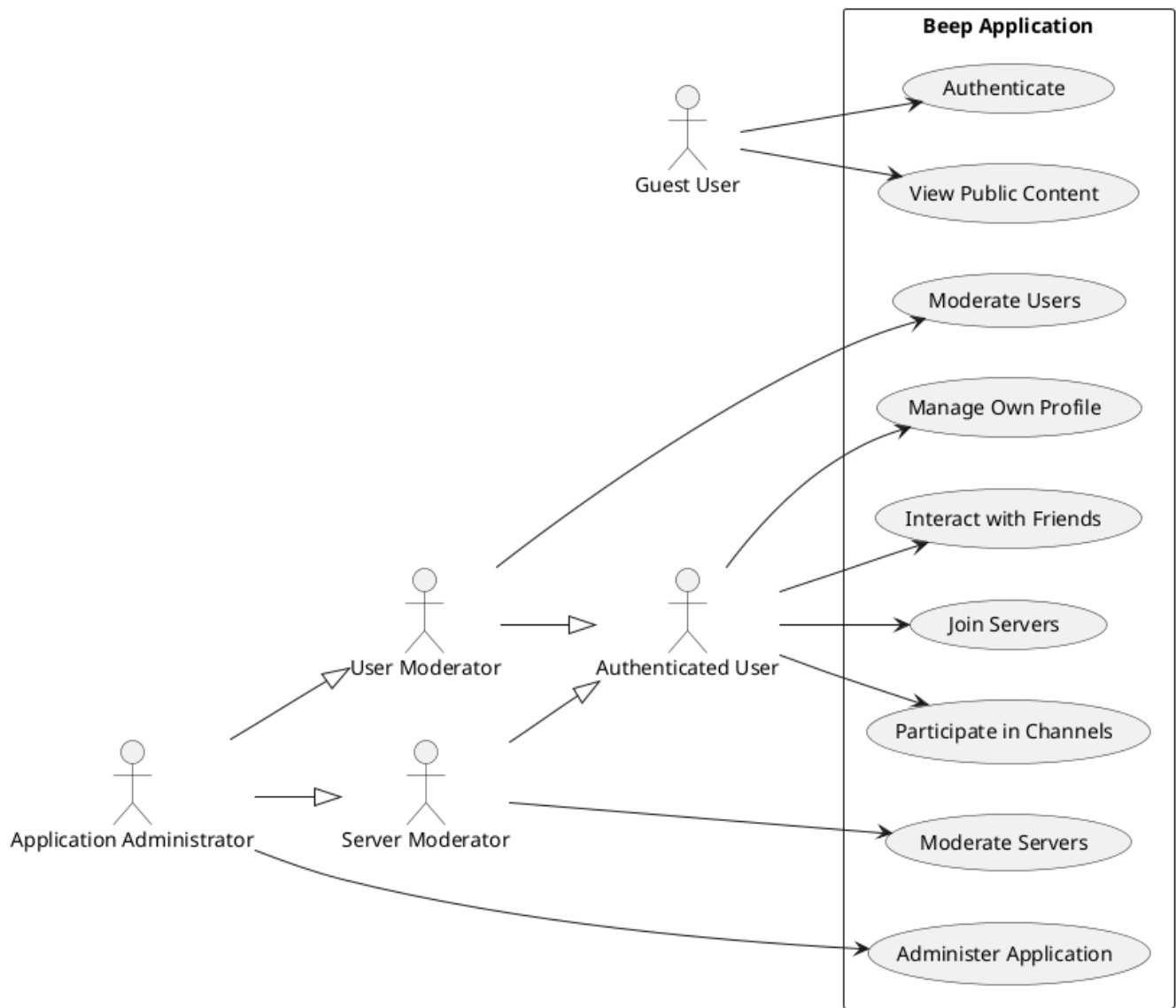
Beep: Use Case Diagrams

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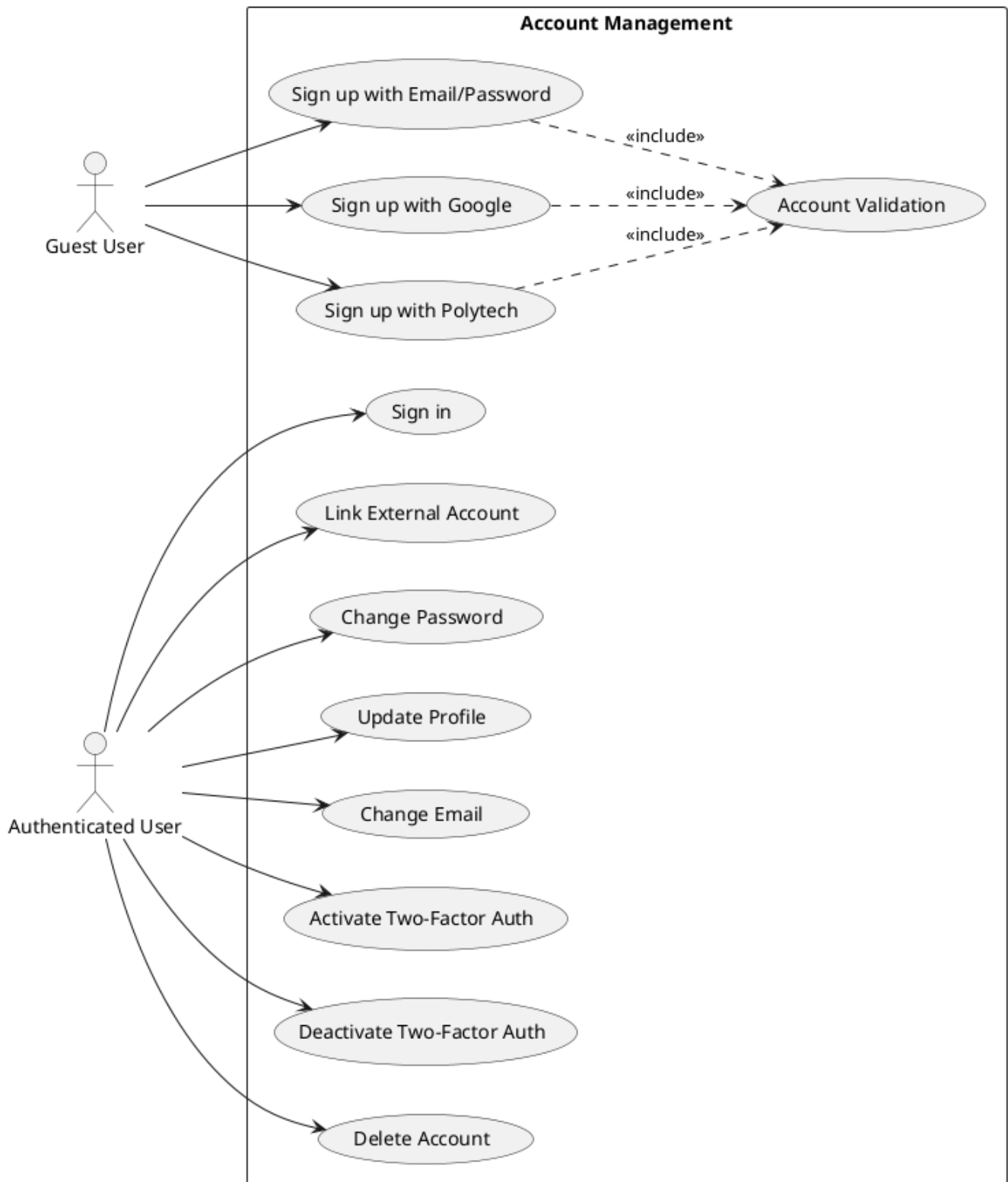
End-user capabilities

This diagram shows the high-level capabilities of different user types in the system.



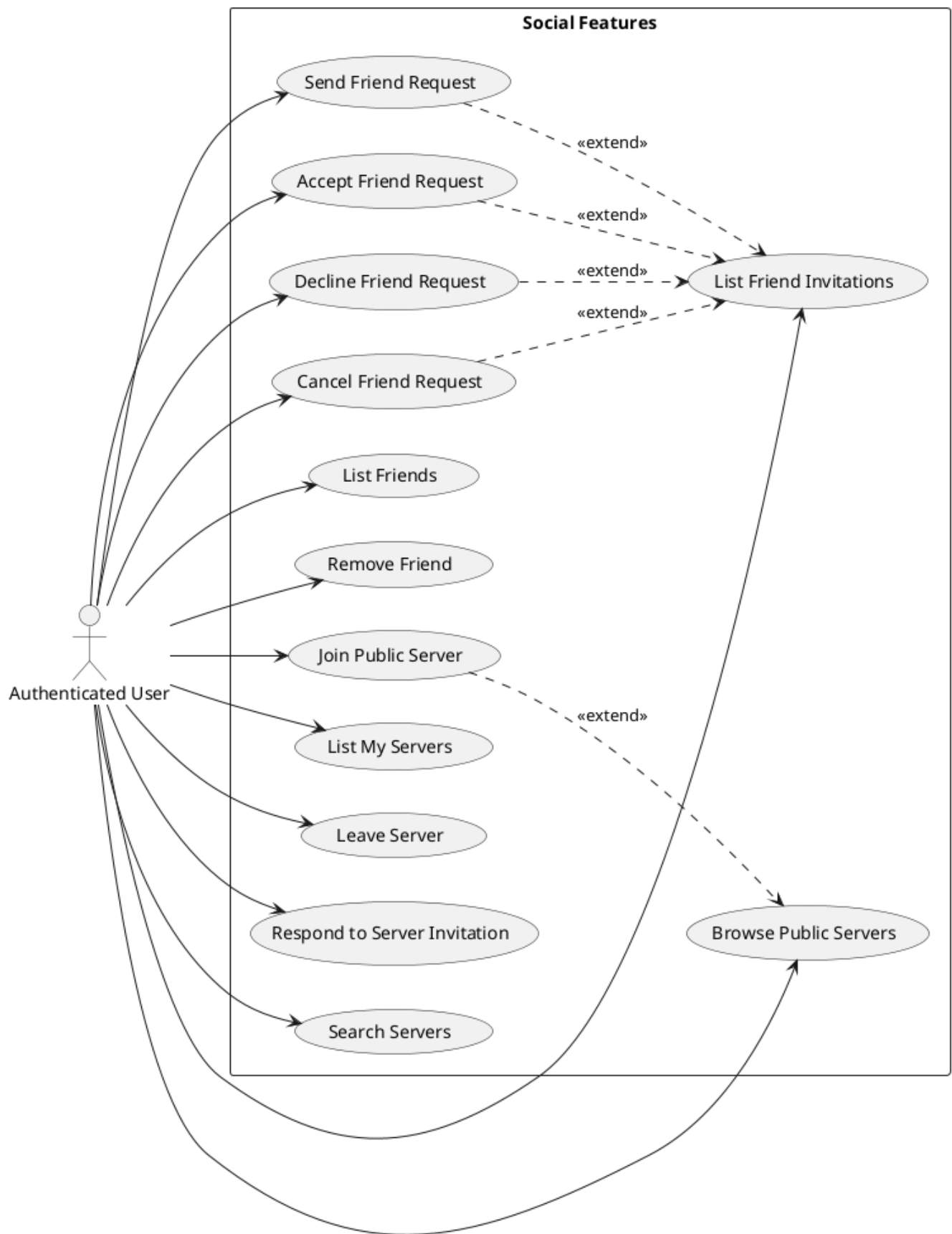
Account Management

The account management use cases detail how users manage their accounts in the system.



Social Interaction

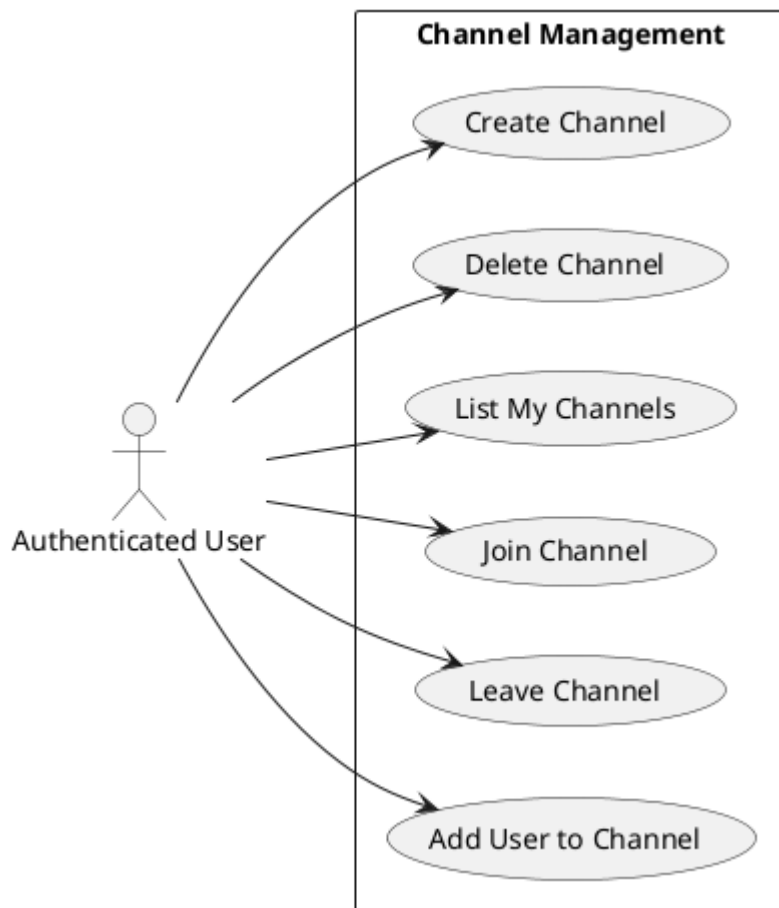
This diagram illustrates how users interact socially within the platform.



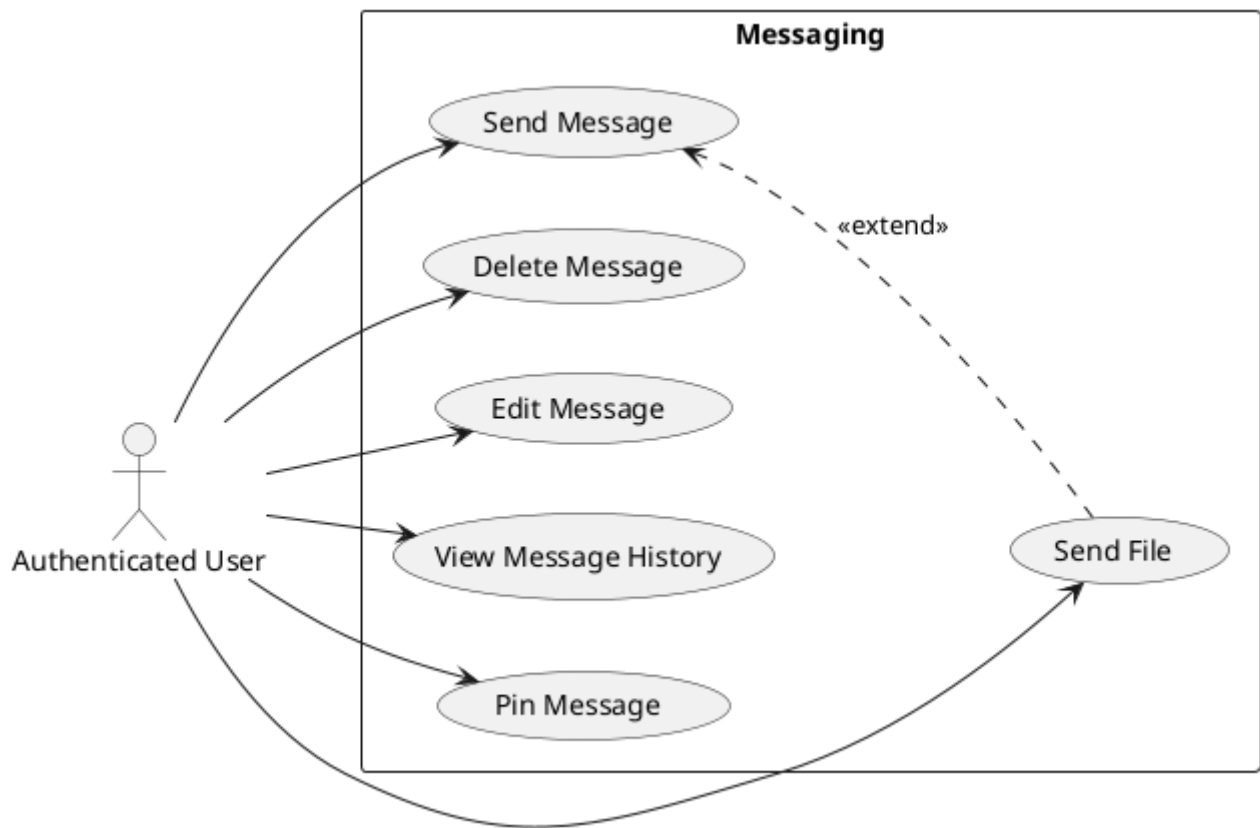
Chatting

This diagram shows the use cases related to chat functionality.

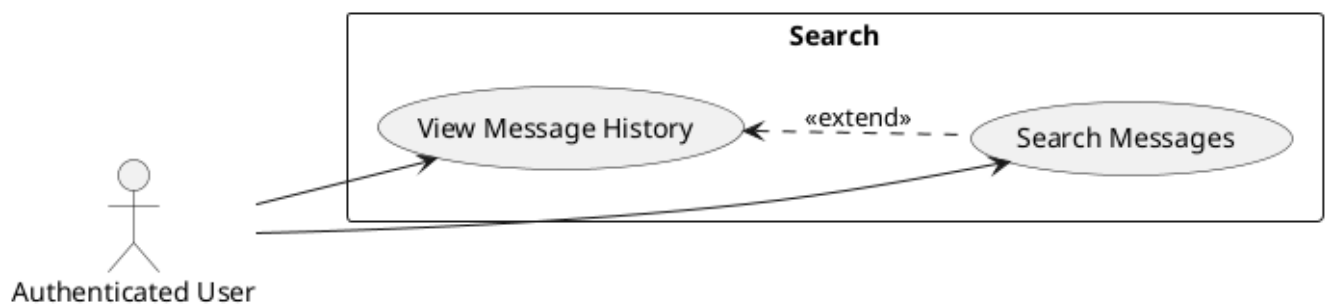
Channel Management



Messaging

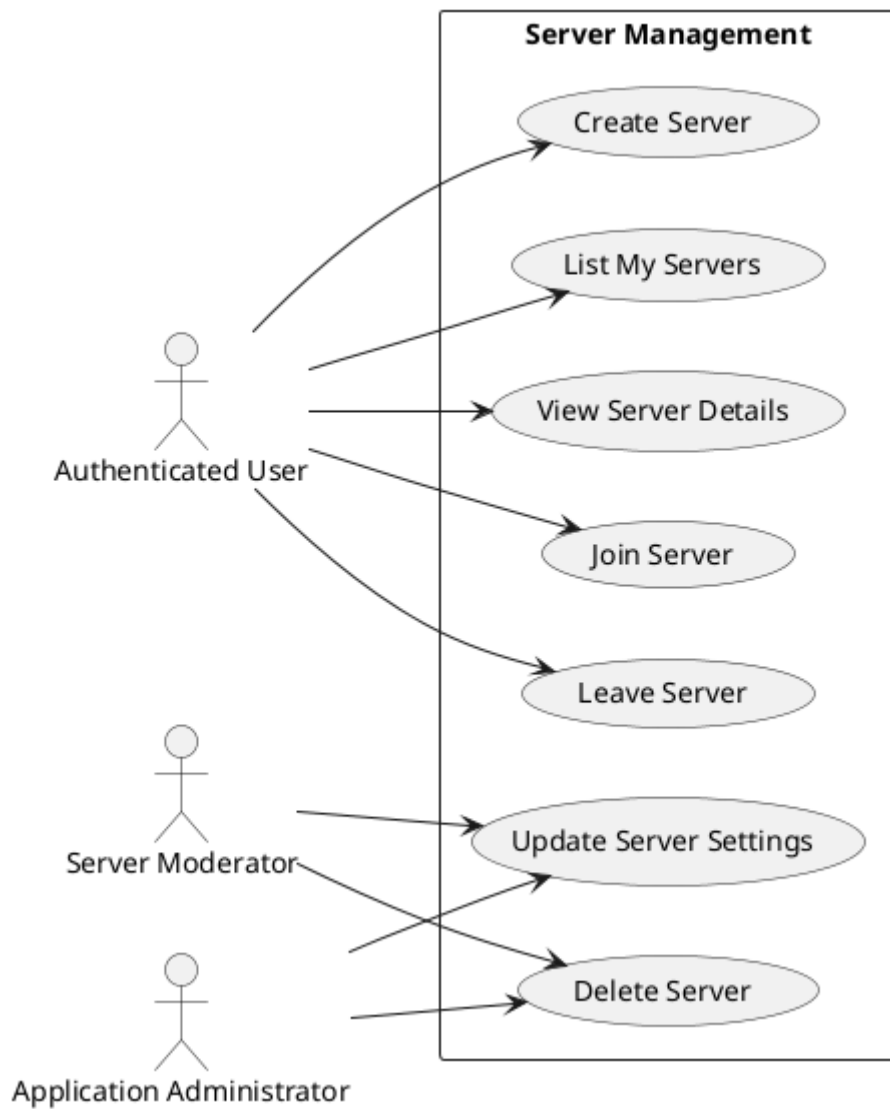


Search



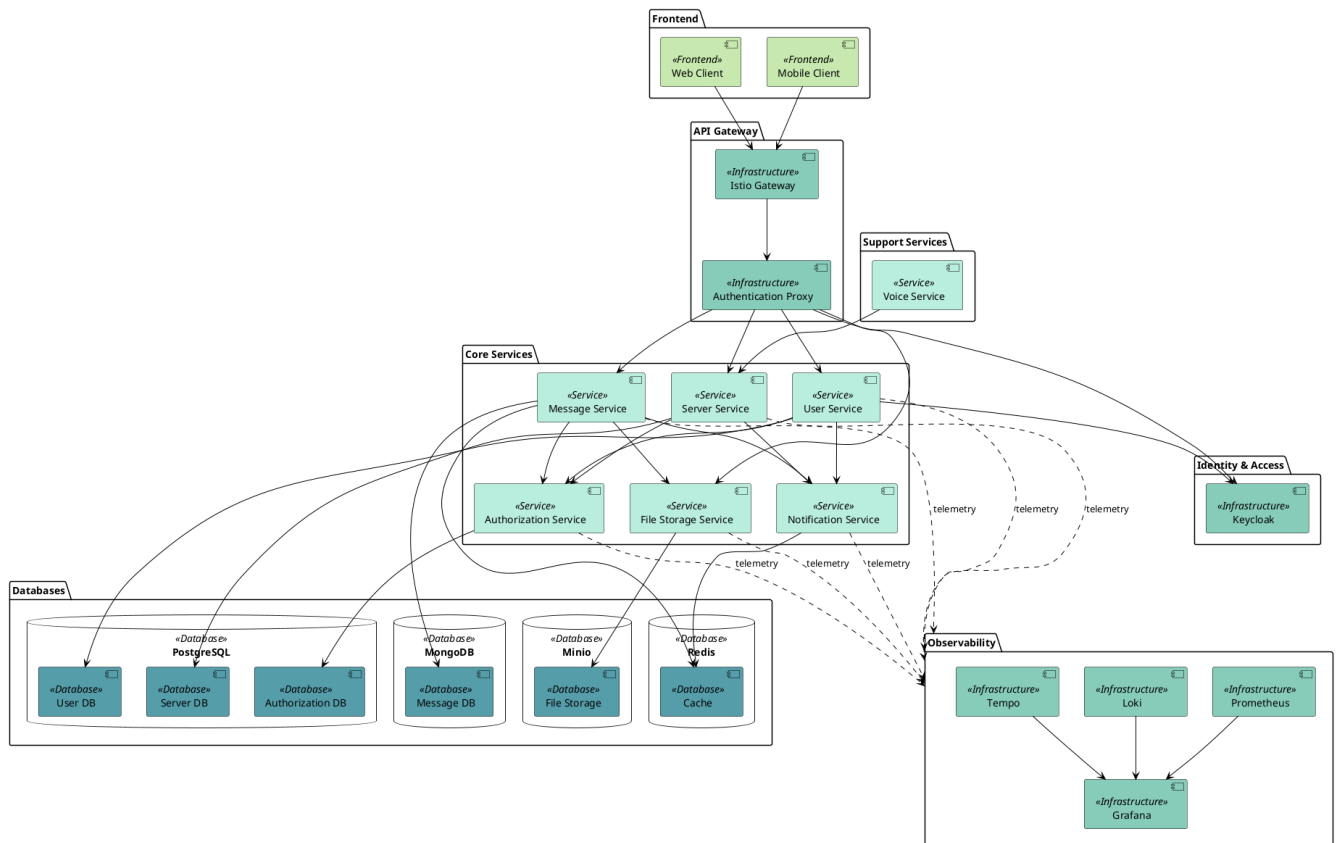
Server Management

This section describes the use cases related to server management within the application.



System Architecture Components

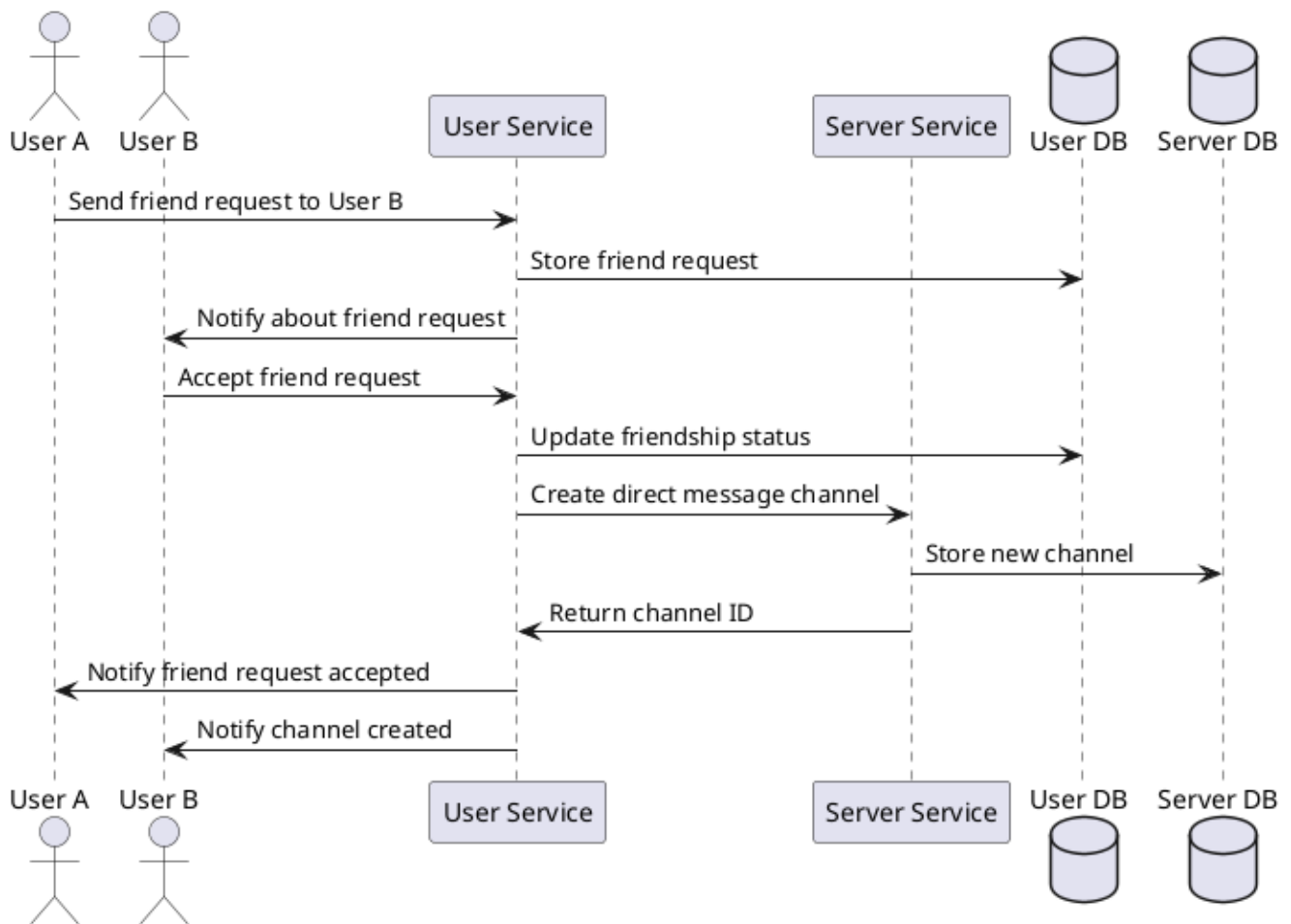
This diagram illustrates the microservice components of the Beep platform and their interactions.



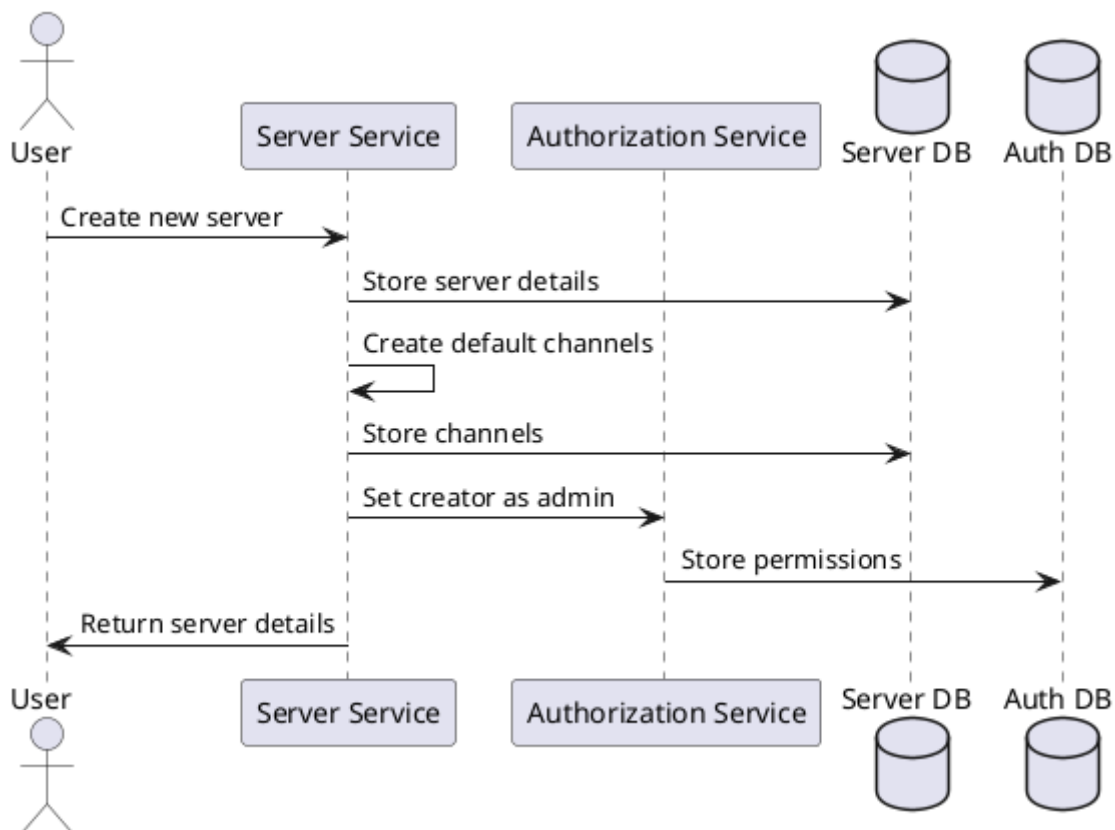
Data Flow Diagrams

This section contains diagrams illustrating key data flows within the system.

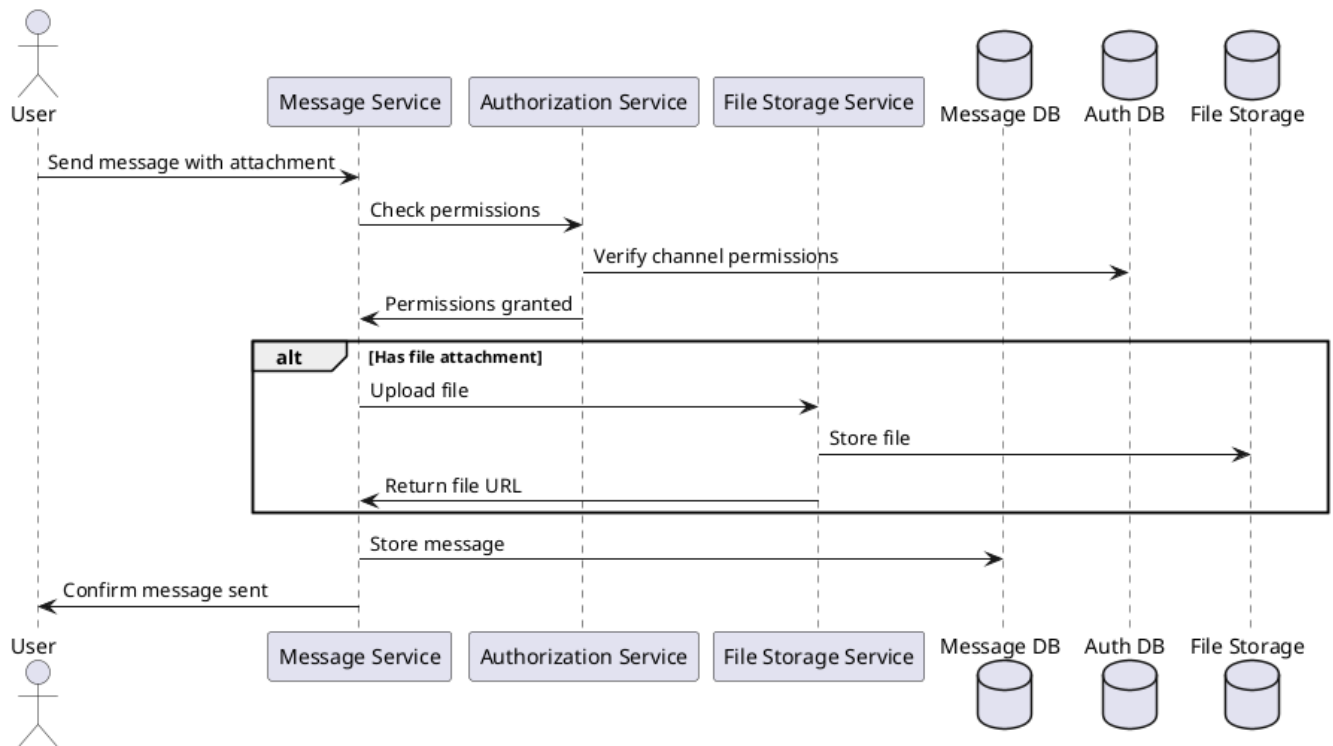
Friend Request Workflow



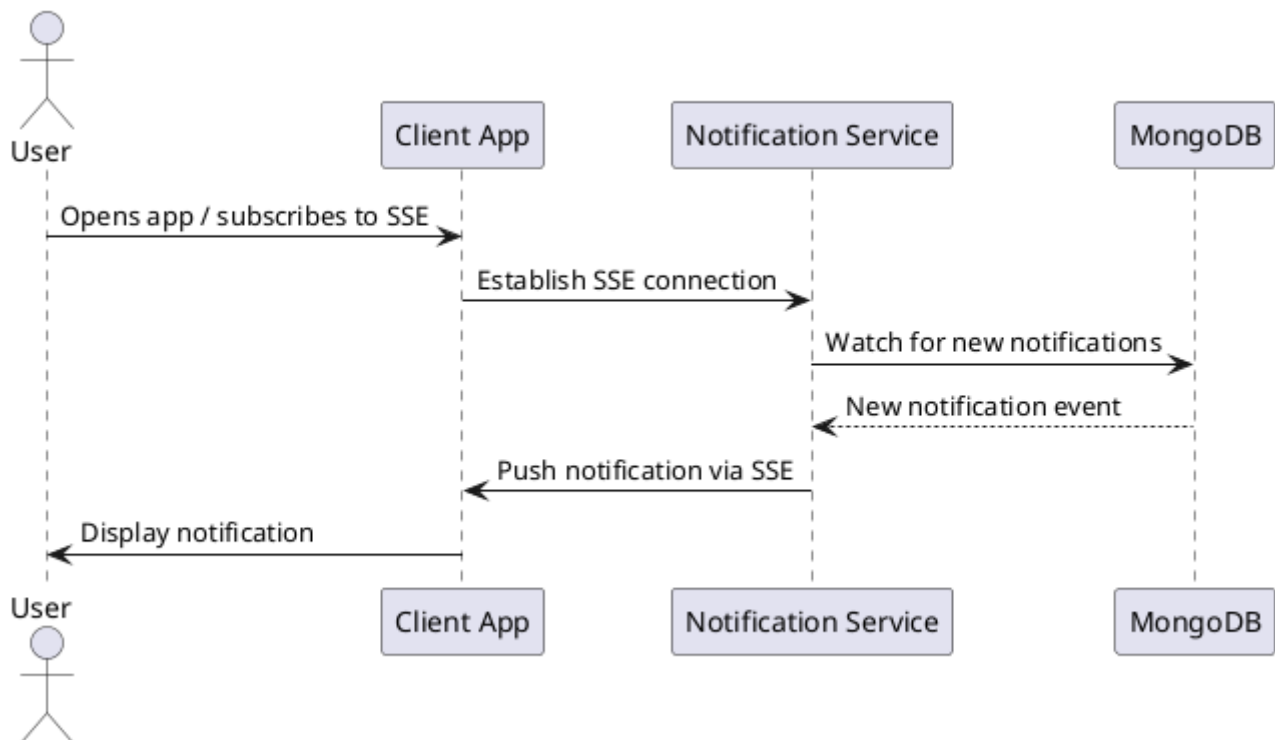
Server Creation Workflow



Message Flow

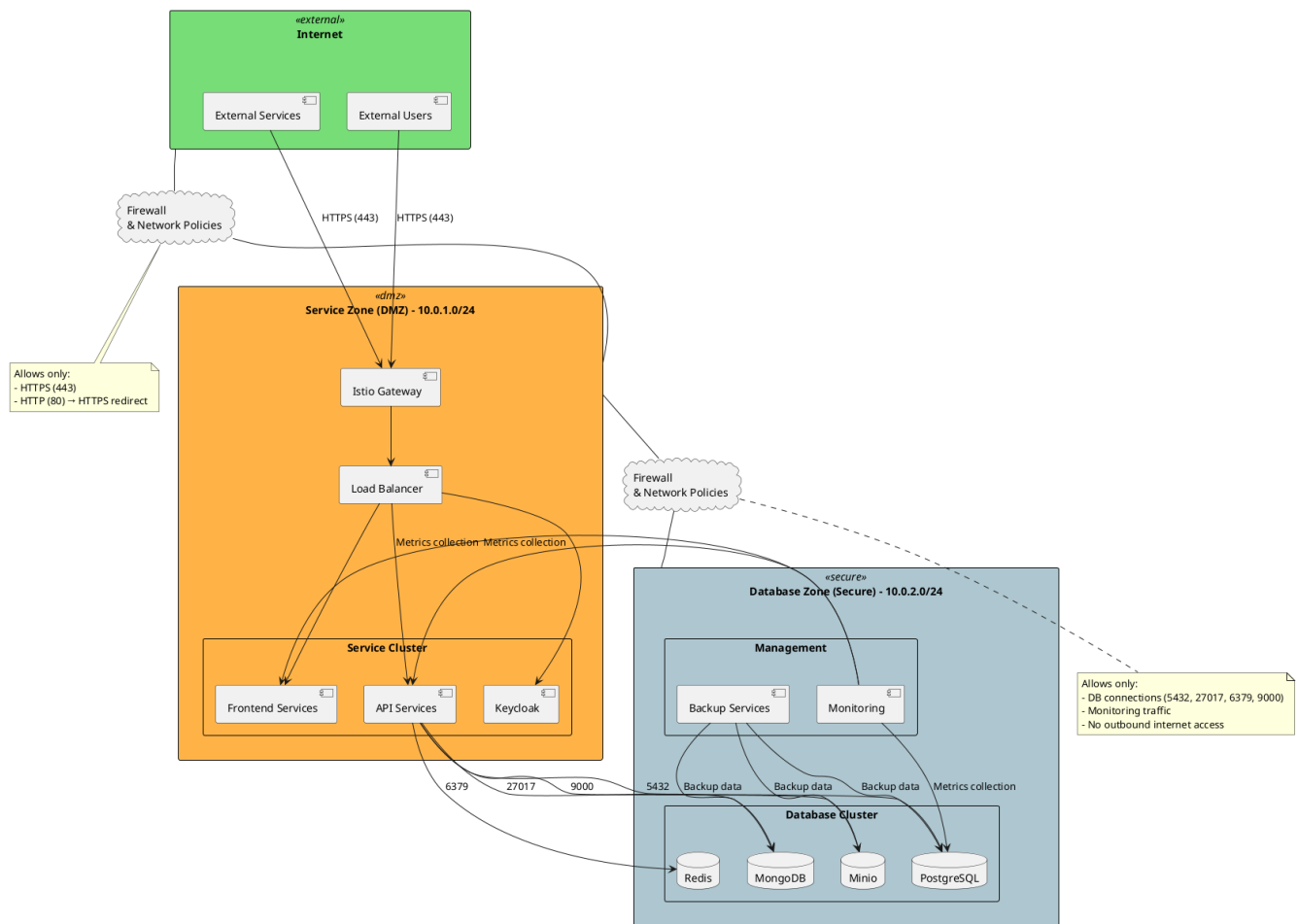


Notification Flow



Network Architecture

This diagram illustrates the network architecture of the Beep platform, showing the security zones and traffic flow.



Authentication Flow

This diagram illustrates the Keycloak authentication flow in the Beep platform.

Keycloak Authentication Flow

